

Cognitive Information Processing Technology Modification 6: Additional Information

SOL BAA 02-21

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Evaluator Reference Web Site Overview:

The following items are located on this reference site (Click Items on Panel on Left).

- PAL Presentation
- CALO Presentation
- CALO Test Planning
- RADAR Presentation and Test Planning



Perceptive Assistant that Learns

The PAL (Perceptive Assistant that Learns)Program Overview Presentation presents the objectives, approach, and an overview of activities planned for the overall program which seeks to demonstrate an integrated cognitive system and make major advances in each of the following technology focus areas:

- Learning
- Representation and Reasoning
- Communications and Interaction
- Computational Perception
- Following the PAL presentation are two areas for the two PAL teams background material.

Cognitive Assistant that Learns and Organizes

The Cognitive Assistant that Learns and Organizes (CALO) area contains two presentations by SRI, which is leading a team of 20 additional research organizations in pursuit of developing and integrating software which will learn by working with, observing, and being advised by its users, will handle a broad range of interrelated decision-making tasks that have in the past been resistant to automation. It will have the capability to engage in and carry out routine tasks, and to assist when the unexpected happens. The first CALO presentation is an overview of their effort. The second is a description of the planned testing efforts that have been proposed for CALO.

Reflective Agents with Distributed Adaptive Reasoning

The final area on this site is for the Carnegie Mellon University's effort under PAL is called RADAR, for Reflective Agents with Distributed Adaptive Reasoning. RADAR will help busy managers to cope with time-consuming tasks such as organizing their E-mail, planning meetings, allocating scarce resources such as office space, maintaining a web site, and

writing quarterly reports. The RADAR presentation contains both a project overview and CMU's Testing Plan.